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Forestry

Associates

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TREE,
SHRUB
AND LAWN
SEED CATALOG

P.O. BOX 1069
160 E. HAMILTON ST.
ALLENTOWN, PENNSYLVANIA

Office Open Daily 9 to 5 P.M.
Saturday 9 to 1 P.M.
Evenings and Saturday Afternoon
By Appointment

Phone
Area Code 215 434-5708
Cable Address "Forestry"

Pa. Dept. Agr. Permit No. 214
Wisc. Permit No. 70
Illinois Permit No. 869
Missouri Permit No. R-14977

PRICE LIST

Fall-Winter
1962-3

TERMS AND CONDITIONS

This list cancels all previous offers, effective September 30, 1962. Prices quoted are F.O.B. Allentown, Penna. Unless otherwise specified, prices for one-half and one-quarter pound lots are based on the proportional pound rate. For example, seed costing \$5.00 per pound would cost \$2.50 for a half-pound or \$1.25 for a quarter-pound. Ounce lots from 1 to 3 ounces are available at quoted prices.

Please remit full value of purchase including postage with order. Orders for one pound will require postage for two pounds, as the packing will increase the weight to the next pound rate. Shipments will be made on open account, provided satisfactory credit arrangements have been made in advance.

On orders amounting to \$10.00 or more, a cash discount of 2% is allowed. Orders totaling less than \$5.00 are subject to a 25 cent handling charge. Invoices are due when rendered unless otherwise specified.

Orders are accepted subject to final crop outcome. In event of crop failures or short supplies, deliveries will be made in sequence orders are received. We reserve the right to return orders received in excess of our supplies. Some seeds are perishable and cannot be stored over the winter months. Such seed items must be ordered either before collection begins or while supplies are available.

Shipments travel at customer's risk after our release to carriers. Any claims for damages incurred in transit must be made to carrier. All shipments sent parcel post will be insured. Forestry Associates guarantees the origin, strain and year of seed to be as quoted herein. "Certificate of Origin" will be furnished upon request. All seeds are tested for germination and purity and such information is attached to each seed lot sold. Contents tags comply with the laws of the states of Penna., Michigan and New York. Shipments should be examined carefully after arrival for appearance and shortages. No claims will be honored after customer has stored or planted seeds.

PRICES MAY BE CHANGED WITHOUT NOTICE ON ANY ITEM LISTED

ABBREVIATIONS

XXXX DENOTES CROP FAILURE

***_DENOTES SOLD OUT FOR SEASON

(cs) Clean Seed	(db) Dried Berries	(dh) Dried Hips	(b) Balls
(LS) Lake States	(NW) No. West States	(B) Belgium	
(AR) Adirondacks	(SW) So. Western States	(S) Spain	
(PA) Penna.	(SC) So. Central States	(AU) Austria	
(NE) New England	(O) Orient	(SW) Sweden	
(RM) Rocky Mtns.	(BC) Br. Columbia	(GR) Germany	
(MA) Middle Atlantic States	(DE) Denmark	(JP) Japan	
(SO) So. Atlantic States	(FR) France	(BI) Br. Isles	

PREVENT DAMPING-OFF

Damping-off is caused by seed-borne and soil-inhabiting fungi, such as Fusarium, Botrytis, Pythium, etc. and is usually the most destructive disease of nursery seed beds. Damping-off may be found before the seedlings emerge from the soil or after germination takes place. If pre-emergence Damping-off takes place, seeds will fail to germinate or the young roots and cotyledons are destroyed before the seedling reaches the surface. In many cases, this fungi will attack the young seedling after germination has taken place. Young seedlings will wilt and fall over. You can prevent this costly problem by dusting your seeds before planting. One and one-half teaspoon of Arasan is sufficient to treat one pound of seed.

1 ounce packets Arasan, postpaid anywhere -----75c

FALL WINTER 1962-63

PINES		Per oz.	Per lb.
PINUS ARISTATA, Bristlecone pine (RM)	(cs)	1.25	10.00
PINUS BANKSIANA, Jack (LS)	(cs)	1.00	9.00
PINUS CEMBRA, Swiss stone (DE)	(cs)	.35	2.00
PINUS CEMBROIDS EDULIS, Pinyon (RM)	(cs)	.60	4.50
PINUS CONTORTA, Shore (BC)	(cs)	1.35	11.00
PINUS CONTORTA LATIFOLIA, Lodgepole (RM)	(cs)	1.60	13.00
PINUS DENSIFLORA, Jap Red (JP)	(cs)	.60	4.50
PINUS ECHINATA, Shortleaf (CS)	(cs)	1.25	10.00
PINUS ELLIOTTI, Slash (SA)	(cs)	.85	7.00
PINUS FLEXLIS, Limber (RM)	(cs)	.75	6.00
PINUS GRIFFITHI, Himalayan (O)	(cs)	.55	4.50
PINUS HALEPENSIS, Aleppo (S)	(cs)	.35	2.00
PINUS KORAINENSIS, Korean (O)	(cs)	.50	4.00
PINUS LAMBERTINA, Sugar (NW)	(cs)	.80	6.50
PINUS MONTANA MUGHUS, Lowland mugho (SW)	(cs)	.50	3.50
PINUS MUGHO MUGHUS, True Dwarf mugho (AU)	(cs)	.85	7.50
PINUS MUGHO VAR PUMILO, Dwarfest mugho (ALPS)	(cs)	1.20	9.00
PINUS NIGRA, Austrian (AU or GR)	(cs)	.45	3.00
PINUS NIGRA, Austrian (DE or B)	(cs)	.50	3.25
PINUS PALUSTRIS, Longleaf (SA)	(cs)	.50	4.10
PINUS PARVIFOLIA, Jap white (JP)	(cs)	.70	4.75
PINUS PONDEROSA, Ponderosa (RM)	(cs)	.55	4.50
PINUS PUMILA, Jap stone (JP)	(cs)	.75	6.00
PINUS RESINOSA, Red or Norway (LS)	(cs)	.80	6.00
PINUS RESINOSA, Red or Norway (NY or PA)	(cs)	.90	7.00
PINUS RIGADA, Pitch (NJ)	(cs)	.65	5.00
PINUS STROBUS, White (LS)	(cs)	.75	6.00
PINUS STROBUS, White (ADR)	(cs)	.90	6.50
PINUS SYLVESTRIS, Scotch pine. We offer a wide variety of sources as follows:			
Austrian Hill or Mountain strain	(cs)	.95	8.00
Belgium, Campegienne	(cs)	.75	6.00
France, De Auvergne	(cs)	.80	6.25
North Italy	(cs)	.90	7.50
Poland	(cs)	.75	5.50
West Europe	(cs)	.75	6.00
Lake States	(cs)	.90	8.00
Scotland, Spey Valley. One of the best	(cs)	1.35	11.00
South Germany	(cs)	1.65	14.00
Spanish Burgos	(cs)	.80	6.50
Spanish Guadarrama	(cs)	.90	7.50
PINUS TADEA, Loblolly (SA)	(cs)	.85	7.00
PINUS THUNBERGI, Jap black (JP)	(cs)	.60	4.25
PINUS VIRGINIANA, Virginia (C)	(cs)	1.75	14.00
SEQUOIA GIGANTEA, Giant sequoia (NW)	(cs)	1.50	12.00
TAXODIUM DISTICHUM, Bald Cupress	(cs)	.60	4.50

FALL WINTER 1962-63

SPRUCES

	Per oz.	Per lb.
PICEA ABIES, Norway Spruce from the following sources:		
Austria	(cs) .65	4.50
Belgium, Ardeenes	(cs) .55	4.25
Tryolean Alps	(cs) .65	4.50
Germany	(cs) .55	4.25
Jutland	(cs) .55	4.00
Lake States	(cs) .85	7.00
PICEA ALBERTINA GLAUCA, Alberta White	(cs) 1.60	13.00
PICEA DENSATA GLAUCA, Black Hill	(cs) 1.75	14.00
PICEA CANADENSIS, White (LS)	(cs) 1.60	14.00
PICEA ENGELMANNI, Engelmann (RM)	(cs) 1.40	12.00
PICEA GLAUCA, White (DE or AU)	(cs) .60	4.25
PICEA HONDONENSIS Hondo (JP)	(cs) 1.50	12.00
PICEA MARIANA, Black (LS)	(cs) 2.25	25.00
PICEA ORIENTALIS, Oriental (JP)	(cs) .90	7.00
PICEA OMORICA, Serbian (GR)	(cs) 5.00	45.00
PICEA POLITICA, Tigertail (JP)	(cs) 1.50	12.00
PICEA PUNGENS GLAUCA, Select Blue (KIABAB)	(cs) 1.50	15.00
PICEA PUNGENS GLAUCA, Select (RM)	(cs) 1.45	14.50
PICEA RUBENS, Red (LS)	(cs) 1.25	10.00

FIRS

ABIES ALBA, Silver (AU)	(cs) .35	2.50
ABIES BALSAMEA, Balsam (LS)	(cs) .60	4.75
ABIES BALSAMEA, Balsam (NE)	(cs) .75	5.25
ABIES CONCOLOR, Concolor (RM) 9,000 ft.	(cs) .70	5.00
ABIES FIRMA, Japanese (JP)	(cs) .55	4.00
ABIES FRASERI, Fraser (TENN)	(cs) 1.25	10.00
ABIES GRANDIS, Grand (RM)	(cs) .65	5.00
ABIES HOMOLEPIS, Niko (JP)	(cs) .60	4.50
ABIES LASIOCARPA, Alpine (RM)	(cs) .60	4.50
ABIES NORDNAMMINA, Nordmann (AU)	(cs) .45	3.75
ABIES SCHALINENSIS, Sakhalin (JP)	(cs) .60	4.50
ABIES VEITCHII, Veitch (JP)	(cs) .50	4.50

DOUGLAS FIRS

PSEUDOTSUGA CAESIA, Douglas (SHUSWAP)	(cs) 1.80	14.00
PSEUDOTSUGA CAESIA, Douglas (E. Wash.)	(cs) 1.70	13.00
PSEUDOTSUGA GLAUCA, Douglas (Colorado)	(cs) xxxx	xxxx
PSEUDOTSUGA GLAUCA, Douglas (Utah)	(cs) xxxx	xxxx
PSEUDOTSUGA MENZIESSI, Douglas (Montana)	(cs) 1.70	13.00

LARCHES

LARIX DECIDUA, European (AU)	(cs) .85	7.00
LARIX LEPTOLEPIS, Japanese (JP)	(cs) .75	6.50

HEMLOCKS

TSUGA CANADENSIS, Eastern (PA)	(cs) 1.75	15.00
TSUGA DIVERSIFOLIA, Japanese (JP)	(cs) 1.50	12.00
TSUGA SIEBOLDI, Siebold (JP)	(cs) 1.50	12.00

FALL WINTER 1962-63

OTHER EVERGREENS

CEDERUS ATLANTICA, Atlas	(cs)	.55	4.50
CEDERUS DEODARA, Deodar	(cs)	.55	4.50
CEDERUS LIBANI, Cedar-of-Lebanon	(cs)	.65	5.50
CHAMAECYPARIS OBTUSA, Hinoki Cypress	(cs)	.45	3.00
COTONEASTER AUTIFOLIA, Peking Cotoneaster (RM)	(cs)	1.00	7.25
COTONEASTER HORIZONTALIS, Rock C.	(cs)	.70	5.25
COTONEASTER MULTIFLORA, Multiflora C.	(cs)	.75	6.00
COTONEASTER PANNOSA, Silverleaf C.	(cs)	.80	6.75
CRYPTOMERIA JAPONICA, Jap Cryptomeria	(cs)	.45	3.00
CUPRESSUS ARIZONICA, Arizona	(cs)	.55	4.75
CUPRESSUS SEMPERVIRENS, Italian	(cs)	.30	2.00
CUPRESSUS SEMPERVIRENS HORIZONTALIS, Spreading	(cs)	.30	2.00
CUPRESSUS SEMPERVIRENS STRICTA, Pyramidal ..	(cs)	.30	1.75
GINKO BILOBA, Ginko	(cs)	.35	2.00
JUNIPERUS CHINENSIS, Chinese Juniper	(cs)	.55	4.25
JUNIPERUS COMMUNIS, Common J.	(cs)	.35	2.00
JUNIPERUS HORIZONTALIS GLAUCA, Blue creeping J.	(cs)	1.25	10.00
JUNIPERUS PROCUBENS, Jap creeping J.	(cs)	.80	6.00
JUNIPERUS SCOPOLORUM, Silver J.	(cs)	.60	4.50
JUNIPERUS RIGADA, Needle J.	(cs)	.65	5.00
JUNIPERUS VIRGINIANA, Eastern red cedar	(cs)	.60	4.75
SCIADOPITYS VERTICALLA, So called Umbrella pine ..	(cs)	1.00	8.00
TAXUS CUSPIDATA, Jap yew	(cs)	.45	2.95
TAXUS CUSPIDATA var NANA, Shrub Jap yew	(cs)	.85	6.50
TAXUS BACCATA, English yew	(cs)	.40	2.50
TAXUS BACCATA PYRAMIDALIS, Pyramidal yew	(cs)	.70	5.00
THUJA OCCIDENTALIS, East American A.	(cs)	.90	7.00
THUJA ORIENTALIS, Oriental A.	(cs)	.30	1.75
THUJA ORIENTALIS NANA, Compact Oriental A.	(cs)	.40	2.25
THUJA PLICATE, Great Western A.	(cs)	.90	7.00

BROADLEAF, DECIDIOUS and SHRUBS

ACER ARGUTUM, Hemp-leaf maple	(cs)	.60	4.75
ACER AIZUENSE (GINELLA) Amur M.	(cs)	.40	3.00
ACER CARPINIFOLIUM, Hornbeam M.	(cs)	.55	5.00
ACER NEGUNDO, Three Leaf maple	(cs)	.25	1.00
ACER NIGRUM, Black sugar maple	(w)	.50	3.50
ACER PALMATUM, Small seeded Jap maple	(cs)	.60	4.50
ACER PALMATUM ATROP., Bloodleaf red maple	(cs)	.85	7.00
ACER PALMATUM ATROP. DISSECTUM, Threadleaf red maple	(cs)	1.25	10.00
ACER PLATANOIDES, Norway maple	(w)	.25	1.25
ACER PSEUDOPLATANUS, Sycamore maple	(w)	.25	1.25

AILANTHUS ALTISSIMA , Tree of Heaven	(w)	.25	1.00
ALUNUS GLUTINOSA , European alder	(cs)	.35	2.00
ALUNUS INCANA , Speckled alder	(cs)	.40	2.50
AMELANCHIER ASIATICA , Asain Serviceberry	(cs)	.95	8.00
AMELANCHIER ALFINOLIA , Serviceberry	(cs)	1.40	11.50
AMELANCHIER CUSICKII , Tall Serviceberry	(cs)	1.00	8.50
AMELANCHIER PUMILA , Dwarf Serviceberry	(cs)	.90	7.50
AMORPHA FRUTICOSA , Indigobush	(db)	.25	1.40
ARALIA ELATA , Japanese Aralia	(cs)	.75	6.00
ARONIA ARBUTIFOLIA , Red chokeberry	(cs)	.75	6.00
BETULA ALBA , European white birch	(cs)	.35	2.00
BETULA JAPONICA , Japanese white birch	(cs)	.50	4.00
BETULA LENTA , Sweet birch	(cs)	1.05	9.00
BETULA LUTEA , Yellow birch	(cs)	1.25	12.00
BETULA PAPYRIFERA , Paper birch	(cs)	2.00	15.00
BETULA POPULIFOLA , Gray birch	(cs)	.65	5.00
BUXUS MICROPHYLLA , var JAPONICA , Jap boxwood	(cs)	.60	4.25
BUXUS SEMPERVIRENS , Common boxwood	(cs)	.50	3.75
CAMELIA JAPONICA , Jap cammelia	(cs)	.40	2.50
CAMELIA SASANQUA , Sasanqua tea	(cs)	.40	2.50
CAMELIA SINENSIS , Tea tree	(cs)	.30	1.75
CARAGANA ARBORESCENS , Siberian peabush	(cs)	.30	2.00
CARYA LANCINOSA , Kingnut hickory	(cs)	—	.50
CARYA OVATA , Shagbark hickory	(cs)	—	.35
CASTANEA MOLLISSIMA , Blight free Chinese chestnuts	(cs)	—	.55
CATAPLA SPECIOSA , North catapla	(w)	.50	3.50
CELASTRUS ORBICULATUS , Oriental Bittersweet	(cs)	.45	3.00
CELASTRUS SCANDENS , Bittersweet	(cs)	.75	6.00
CELTIS OCCIDENTALIS , Hackberry	(db)	.20	1.25
CERCIS CANADENSIS , Redbud	(cs)	.45	3.00
CHAENOMELES LAGENERIA , Common quince	(cs)	.60	4.50
CHAENOMELES PYGMAEA , Dwarf flowering quince	(cs)	.70	5.50
CHAENOMELES SINENSIS , Chinese flowering quince	(cs)	.75	6.00
CHAENOMELES VULGARIS	(cs)	.65	5.00
CHIONANTHUS RETUSUS , Chinese Fringe tree	(cs)	.75	6.25
CINNAMOMUM CAMPHORA , Camphortree	(cs)	.50	3.50
CLEMATIS PANICULATA , Sweet autumn Clematis	(cs)	.65	5.00
CLEMATIS VITICELLA , Italian Clematis	(cs)	.40	2.50
CLERODENDRON TRICHOTOMUM , Oriental glorybower	(cs)	.45	3.50
CLETHRA BARBINERUIS , Japanese white alder	(cs)	1.00	—
CORNUS AMOMUM , Silky dogwood	(cs)	.45	3.00
CORNUS BRACHYPODA , Japanese D.	(cs)	.60	4.50
CORNUS CONTROVERSA , Giant D.	(cs)	.40	3.50
CORNUS FLORIDA , Flowering D.	(cs)	.40	3.00
CORNUS KOUSA , Kousa D.	(cs)	.70	5.25
CORNUS STOLONIFERA , Red osier D.	(cs)	.55	4.00

CORNUS STOLONIFERA FLAVIRAMEA, Goldtwig D. ..(cs)	.65	5.00
CORNUS RACEMOSA, Gray-stemmed D.(cs)	.40	3.00
CORYLUS AMERICANA, Hazelnuts or Filbert nut(cs)	.35	2.25
CRATEAGUS CRUS-GALLI, Cockspur thorn(cs)	.45	3.00
CRATEAGUS MARACANTHA, Longspire hawthorne(cs)	.60	4.50
CRATEAGUS MOLLIS, Downy Hawthorne(cs)	.45	3.50
CRATEAGUS PUNCTATA, Dotted Hawthorne(cs)	.55	4.00
CRATEAGUS TOMENTOSA, Pear Hawthorne(cs)	.65	5.00
CYTISUS SCOPARIUS, Scotch broom(cs)	.30	1.75
DIOSPYROS KAKI, Jap edible persimmon(cs)	.30	1.75
DIOSPYROS LOTUS, Dateplum(cs)	.30	1.60
DIOSPYROS VIRGINIANA, Common persimmon(cs)	.35	1.75
ENKIANTHUS CAMPANULATUS, Redvein (per ½ oz.)(cs)	2.00	—
ENKIANTHUS CERNUS var RUBENS, Red flow. Enk. (½ oz.)(cs)	2.50	—
ENKIANTHUS PERULATUS, White flow. Enk. (½ oz.) (cs)	2.00	—
ELEAGNUS AUGUSTIFOLIA, Russian olive(cs)	.25	1.25
ELEAGNUS COMMUTATA, Silver berry(cs)	.30	1.50
ELEAGNUS MULTIFLORA, Cherry Eleagnus(cs)		
ELEAGNUS PUNGENS, Thorny Eleagnus(cs)		
ELEAGNUS UMBELLATA, Autumn Eleagnus(cs)	.60	4.50
EUONYMUS ALATUS, Winged Euonymus(cs)	.45	3.50
EUONYMUS FORTUNEI var RADICANS, Creeping Euonymus(cs)	.50	4.25
EUONYMUS JAPONICA, Evergreen Euonymus(cs)	.40	3.50
FAGUS SYLVATICA, European beech(cs)		
FRAXINUS AMERICANA, White Ash(w)	.25	1.25
FRAXINUS NIGRA, Black ash(w)	xxxx	xxxx
FRAXINUS LANCELOTA, Green ash(w)	.25	1.25
GLEDISTA JAPONICA, Jap Honeylocust(cs)	.40	3.25
GLEDISTIA TRICANTHOS, Honeylocust(cs)	.35	1.00
GLEDISTIA TRICANTHOS INERMIS, Thornless H.(cs)	.40	1.25
GYMNOCLADUS DIOICUS, Kentucky coffeetree(cs)	.25	1.00
HAMAMELIS JAPONICA, Jap witch-hazel(cs)	.60	4.00
HAMAMELIS VIRGINIANA, Witch-hazel(cs)	.75	6.00
HIBISCUS SYRIACUS, Rose of Sharon(cs)	.35	1.75
HOVENIA DULCIS, Rasintree(cs)	.40	2.50
HYDRANGEA PANICULATA, Panicle hydrangea(cs)	.90	7.50
HYDRANGEA PETIORALIS, Climbing H.(cs)	1.25	10.50
ILEX AQUIFOLIUM, English holly(cs)		
ILEX CRENATA, Japanese H.(cs)	.45	3.50
ILEX LATIFOLIA, Lusterleaf H.(cs)	.70	5.25
ILEX OPACA, American H.(cs)	.75	5.00
ILEX SERRATA, Finetooth H.(cs)	.75	6.00
JUGLANS CINEREA, Butternuts(cs)	—	.40
JUGLANS NIGRA, Black walnuts(cs)	—	.40
KALOPANAX RICINFOLIUM, Jap castor(cs)	.85	7.00
KERRIA JAPONICA, Yellow Rose(cs)	.60	4.50

KOELREUTERIA PANICULATA, Panicked Goldenrain .. (cs)	.35	2.50
LAGERSTROEMIA INDICA, Common (cs)	.60	4.50
LARUS NOBILIS, Grecian laurel (db)	.20	.75
LINGSTRUM AMURENSE, Amur privet (db)	.30	2.00
LINGSTRUM LUCIDUM, Glossy privet (db)	.35	2.50
LINGSTRUM OVALIFOLIUM, Calif. privet (db)	.35	2.50
LIRODENDRON TULIPFERA, Tuliptree (w)	—	1.25
LONICERA JAPONICA, Jap honeysuckle (cs)	.65	5.75
LONICERA MORROWI, Morrow H. (Domestic seed) (cs)	.80	6.50
LONICERA TATARICA, Tatarian H. (cs)	.55	4.25
MAGNOLIA DENUDATA (cs)	.80	6.25
MAGNOLIA GRANDIFLORA, Southern M. (cs)		4.50
MAGNOLIA SOULAEGERANA (cs)		
MAGNOLIA KOBUS, Jap M. (cs)	.70	5.50
MAGNOLIA LILIFLORA (cs)	.80	6.50
MAGNOLIA OBUATA, Silver M. (cs)		
MALUS COMMUNIS, Domestic apple (cs)	.35	2.50
MALUS IOENSIS, Prairie crabapple (cs)	2.00	15.00
MALUS SIEBOLDII, Siebold crabapple (cs)	1.00	8.00
MORUS ALBA, White mulberry (cs)	.50	3.50
MORUS ALBA TATARICA, Russian Mulberry (cs)	.80	6.00
NANDINA DOMESTICA, Red berried (cs)	.55	4.00
OSTYRA CARPINIFOLIA, European hornbeam (cs)	.55	4.00
OSTYRA VIRGINIANA, American H. (cs)	.75	6.00
PHYSOCARPUS OPULIFOLIUS, Ninebark (cs)	.75	—
PIERIS JAPONICA (per oz.) (cs)	2.50	
PLANTUS OCCIDENTALIS, American sycamore (b)	—	.50
PRUNUS AMERICANA, American plum (cs)	.25	1.35
PRUNUS JAPONICA, Jap bush cherry* (cs)	.55	4.00
PRUNUS MAHALEB, Mahaleb C.* (cs)	.30	2.25
PRUNUS SEROTINA, Black C. (cs)	.25	1.65
PRUNUS SERRULATA, Oriental C.* (cs)	.55	4.00
PRUNUS MARIMA, Beach plum (cs)	.55	4.00
PRUNUS TOMENTOSA, Manchurian C.* (cs)	.55	4.00
PRUNUS VIRGINIANA, Choke C. (cs)	.25	1.75
PRUNUS YEDOENSIS, Tokyo C. (cs)	.45	3.00
PYRUS COMMUNIS, Common pear (cs)	.85	6.00
QUERCUS ALBA, White oak (cs)	—	.40
QUERCUS BOREALIS, No. red oak (cs)	—	.20
QUERCUS BOREALIS var MAXIMA, East red oak (cs)	—	.25
QUERCUS MONTANA, Chestnut oak (cs)	—	.25
QUERCUS PALUSTRIS, Pin oak (cs)	—	.60
QUERCUS VELUTINA, Black oak (cs)	—	.45
RHUS AROMITACA, Fragrant sumac (cs)	.40	3.25
RHUS COPALLINA, Flameleaf S. (cs)	.40	3.00
RHUS GLABRA, Smooth S. (cs)	.45	3.00
RHUS CISMONTANA, Western S. (cs)	.50	4.00
RHUS TRILOBATA, Western aromatic S. (cs)	.50	4.00

RHUS TYPHINA, Staghorn S.	(db)	.25	1.50
ROBINA PSEUDOACACIA, Imported black locust	(cs)	.20	1.25
ROBINA PSEUDOACACIA, Domestic black locust	(cs)	.35	2.00
ROSA BLANDA, Meadow rose	(cs)	.45	3.00
ROSA CANINA, Dog rose	(cs)	.20	1.15
ROSA MULTIFLORA, Thorny multiflora rose	(cs)	.30	2.00
ROSA MULTIFLORA, Thornless multiflora rose	(cs)	.35	2.50
ROSA RUBRIFOLIA, Red leaf rose	(cs)	.75	6.00
ROSA RUGOSA, Rugosa rose	(cs)	.45	3.25
ROSA WICHURIANA, Wichura, Rose	(cs)	.35	2.75
SAMBUCUS CANADENSIS, Am. Elderberry	(cs)		
SAMBUCUS GLAUCA, Big blue elderberry	(cs)	.65	4.25
SAMBUCUS MELANOCARPA, Jet bead elderberry	(cs)	.75	5.50
SASSAFRASS ALBIDUM, Common sassafrass	(cs)	.40	2.85
SHEPHERDIA ARGENTEA, Buffaloberry	(cs)		
SORBUS AMERICANA, American mountain ash	(db)	.50	3.25
SORBUS AUCUPARIA, European Mtn. ash	(cs)	.80	6.25
SORBUS AUCUPARIA, from domestic Penna. rees	(db)	.30	1.50
SORBUS COMMIXTA, Asiatic Mtn. ash	(cs)	1.00	7.50
SORBUS THURINGIACA, Hybrid Oak leaf Mtn. ash			
Collected from domestic Penna. trees	(db)	.40	2.50
SORBUS TORMALIS, Checkertree Mtn. ash	(cs)		
STYRAX JAPONICA, Japanese snowbell	(cs)	.40	3.00
STYRAX OBASSIA, Fragrant snowbell	(cs)	.55	4.00
SYMPHORICARPUS ORBICULATUS, Corral berry	(db)	.50	3.50
SYMPHORICARPUS RACEMOSA, Snowberry	(cs)	.90	7.50
SYRINGA JAPONICA, Jap lilac	(cs)	.90	7.25
SYRINGIA HIAWATHA, (Canadian) Hybrid lilac	(c)	2.25	—
SYRINGIA VILLOSA, Late lilac	(cs)	1.35	12.00
SYRINGIA VULGARIS, Common lilac	(cs)	.55	4.00
TILIA AMERICANA, American linden	(db)	.30	1.75
TILIA CORDATA, Littleleaf linden	(db)	.30	1.75
TILIA EUROPAEA, European L.	(db)	.30	1.75
TILIA JAPONICA, Japanese L.	(db)	.50	3.50
TILIA TOMENTOSA, Silverleaf L.	(db)	.25	1.25
ULMUS AMERICANA, American elm	(cs)	.15	.90
ULMUS PUMILA, Siberian elm	(cs)	.55	4.00
VIBURNUM ACERIFOLIUM, Maple-leaf viburnum	(db)	.45	3.00
VIBURNUM AFFINE, Missouri arrowwood	(db)	.35	2.50
VIBURNUM CARLESSI var BITSCHUENSE	(cs)	.55	4.00
VIBURNUM DENATUM, Arrowwood V.	(cs)	.70	5.25
VIBURNUM DILATATUM, Linden V.	(cs)	.50	3.50
VIBURNUM LENTAGO, Nannyberry	(cs)	.50	3.50
VIBURNUM ODORATISSIMUM, Sweet V.	(cs)	.55	4.50
VIBURNUM OPOLUS, European cranberry V.	(cs)	.45	3.25
VIBURNUM PRUNIFOLIUM, Blackhaw V.	(cs)	.50	4.00
VIBURNUM SARGENTII, Sargent V.	(cs)	.55	4.25
VIBURNUM SIEBOLDI, Siebold V.	(cs)	.70	6.00

VIBURNUM TOMENTOSUM, Doublefile V.	(cs)	.55	4.25
VIBURNUM TRILOBUM, American highbush cranberry	(cs)	.80	6.25
VIBURNUM WRIGHTI, Wright V.	(cs)	.55	4.50
WISTERIA SINENSIS, Blue wisteria	(cs)	.45	3.25
WISTERIA FLORIDUNDA ALBA, White Jap wisteria	(cs)	.45	3.25
WISTERIA SINENSIS ALBA, White W.	(cs)	.50	3.75
WEIGELA HORTENSIS	(cs)	.80	6.50
XANTHOZYLYM AMERICANUM, American prickly ash	(cs)	.60	4.50
ZELKOVA SERRATA, Japanese zelkova	(cs)	.45	3.50

STRAIGHT GRASSES

Prices quoted are f.o.b. Allentown, Penna., New weight, packing included. Quoted prices are subject to market conditions and may be changed without notice. No discounts allowed on straight grasses or Lawn Seed Mixes.

KIND OF SEED	PURITY	GERM.	25 lbs.	100 lbs.
Merion Kentucky Blue	90%	80%	26.00	95.00
Merion Kentucky Blue	92%	80%	27.00	97.00
Kentucky Blue Grass	85%	80%	10.25	38.00
Kentucky Blue Grass	95%	80%	11.25	42.00
Kentucky Blue Grass	98%	85%	12.50	47.00
Red Top	92%	85%	9.00	33.00
Red Top	96%	85%	9.75	36.00
Chewings Fescue	98%	85%	6.50	23.50
Chewings Fescue	98%	90%	6.75	24.50
Creeping Red Fescue	95%	85%	6.25	21.50
Creeping Red Fescue	97%	85%	6.50	23.50
Illahee Fescue (certified)	99%	90%	7.50	27.00
Kentucky 31 Tall Fescue	98%	85%	7.25	26.00
Pennlawn Fescue (cert.)	98%	90%	8.25	30.00
Pennlawn Fescue	95%	85%	8.00	29.00
Highland Bentgrass (cert.)	99%	85%	12.00	45.00
Astoria Bentgrass	96%	70%	22.75	88.00
Seaside Bentgrass	99%	85%	38.25	150.00
Perennial Ryegrass (cert.)	98%	90%	3.50	12.50
Annual Ryegrass	99%	90%	3.25	11.25
LESPEDZEA SERRICA (hulled)			6.50	23.00
POA Trivalis	90%	85%	10.25	38.00
White Clover	99%	90%	17.50	67.00
White Clover	99%	80%	16.50	63.00
Timothy	99½%	85%	3.75	21.50

Amounts available from 5 to 45 lbs. @ the 25 lb. rate, plus 20¢ packing fee. 50 to 100 lbs. @ the hundred pound rate.

SPRING LAWN SEED FORMULAS

	50 lbs.	100 lbs.
1. CONTRACTORS MIX	\$10.25	\$19.50
Annual Rye Grass	40.00%	
Perennial Rye Grass	27.50%	
Kentucky 31 Tall Fescue	15.00%	
Chewings Fescue	9.50%	
Kentucky Blue Grass	6.00%	
White Dutch Clover	2.00%	
2. FORESTRY'S FAST GROW MIX	13.25	25.50
Kentucky 31 Tall Fescue	25.00%	
Creeping Red Fescue	20.00%	
Perennial Rye Grass	20.00%	
Annual Rye Grass	13.00%	
Kentucky Blue Grass	12.00%	
Colonial Bent	10.00%	
3. FORESTRY'S GREEN LAWN MIX	18.75	36.25
Kentucky Blue Grass	50.00%	
Creeping Red Fescue	30.00%	
Pennlawn Fescue	10.00%	
Colonial Bent	10.00%	
4. FORESTRY'S HOUSE and HOME MIX	9.75	18.00
Annual Rye Grass	55.00%	
Perennial Rye Grass	20.00%	
Kentucky 31 Tall Fescue	10.00%	
Creeping Red Fescue	8.00%	
Kentucky Blue Grass	7.00%	
5. FORESTRY'S PREMIUM SUNNY MIX	31.25	60.00
Kentucky Blue Grass	60.00%	
Merion Kentucky Blue Grass	30.00%	
Red Top	10.00%	
6. FORESTRY'S ELITE SHADY MIX	26.75	52.00
Pennlawn Fescue	40.00%	
Poa Trivialis	30.00%	
Merion Kentucky Blue Grass	20.00%	
Red Top	10.00%	
7. MIXTURES OF MERION AND KENTUCKY BLUE	31.25	60.00
Merion Blue Grass	72.92%	
Kentucky Blue Grass	24.00%	

OUR APOLOGIES FOR A LATE CATALOG

Perhaps you have wondered why our fall catalog has arrived so late. Usually, we issue our catalog sometime in September, to enable our customers who do fall planting to make an early selection. However, due to an acute shortage of some seed items, it was impossible to do so this year. Publication was held up to the last possible moment, to enable us to locate some additional supplies. We are happy to report that we have been able to list a few more items than would have been possible had our catalog been issued at an earlier date.

In brief, this is the current situation, as we go to press:

Douglas fir (Blue glauca), of Colorado origin is a complete failure. Blue and Engelmann spruce available in a very limited amount. We have only 10% of our yearly needs to offer.

Concolor fir very short, no Alpine fir.

Bristlecone and Ponderosa pine very limited.

Balsam fir and White spruce from the Lake States and N. E. origin in good supply.

White pine very short all sources of supply.

In the shrub line, it appears that crops West of the Mississippi in most cases failed completely. In the East, crops have been fair to good with some failures.

With the passing years, the supplies of many varieties have been diminishing due to poor or no crops. Since we have no control over nature, we must face the future with what we have to offer. Orders will be filled on a first come, first served basis, as long as supplies last. We suggest you mention an alternate item when placing your order, especially if you order after February, 1963.

HOW TO GROW EVERGREEN TREES AND SHRUBS FROM SEED

Our new pamphlet thoroughly explains all the details necessary to grow with success, evergreens from seed. This pamphlet is intended for the beginner only.

Postpaid anywhere ----- 15¢

Or free with an order of \$10.00 or more upon request